AMENDMENTS TO THE CLAIMS:

Please amend Claims 20, 24, 29, 30, 31, 42, 44, 46, 47, and 50 as follows:

1-19. (Cancelled)

20. (Currently Amended) A system ~~for use in a computing device having a TCP/IP stack, said system~~ comprising:

a driver that receives a packet from ~~the~~ a TCP/IP stack; and

a hardware interface between said driver and a network,

wherein the packet received from the TCP/IP stack comprises (a) an ethernet header and (b) an IP packet,

wherein the IP packet comprises an IP header including a source IP address and a destination IP address,

wherein the source IP address and the destination IP address are the only IP addresses contained in the packet received from the TCP/IP stack, ~~and~~

wherein said driver (a) removes the ethernet header from the front of the packet received from the TCP/IP stack, and (b) thereafter adds another IP header so as to result in a packet that comprises both (a) the IP header and (b) the another IP header, which packet is sent via said hardware interface to the network, and

wherein said driver and the TCP/IP stack are in the same device, and said driver presents to the TCP/IP stack an ethernet interface.

21. (Previously Presented) A system according to Claim 20, wherein the network is the Internet.

22. (Previously Presented) A system according to Claim 20, wherein an apparatus on the network receives the packet that was sent via said hardware interface to the network and obtains, from the packet, the IP packet.

23. (Previously Presented) A system according to Claim 22, wherein the apparatus on the network sends the IP packet towards its destination via a network.

24. (Currently Amended) A system according to Claim 23, wherein the destination IP address of the IP header of the IP packet is the IP address of a server on the Internet, and

wherein a web browser running on the ~~computing~~ device accesses the server on the Internet by sending a web browser request to the server on the Internet by way of the TCP/IP stack of the ~~computing~~ device, said driver, said hardware interface, and the apparatus on the network.

25-28. (Cancelled)

29. (Currently Amended) ~~An apparatus~~ A system comprising:

an application that generates an HTTP request; and

a TCP/IP stack for use with said application;

a driver that receives a packet from the TCP/IP stack; and

a hardware interface between said driver and a network,

wherein said application, said TCP/IP stack, said driver, and said hardware interface are all in the same apparatus, and said driver presents to the TCP/IP stack an ethernet interface,

wherein the packet received from the TCP/IP stack comprises (a) an ethernet header and (b) an IP packet,

wherein the IP packet comprises an IP header including a source IP address and a destination IP address,

wherein the source IP address and the destination IP address are the only IP addresses contained in the packet received from the TCP/IP stack, and

wherein said driver (a) removes the ethernet header from the front of the packet received from the TCP/IP stack, and (b) thereafter adds another IP header so as to result in a packet that comprises both (a) the IP header and (b) the another IP header, which packet is sent via said hardware interface to the network,

wherein said application sends an HTTP request across the network to a second apparatus through (a) said TCP/IP stack, (b) said driver, (c) a network connection between said apparatus and a gateway apparatus, and (d) means for transmitting data from the gateway apparatus to the second apparatus.

30. (Currently Amended) ~~An apparatus~~ A system according to Claim 29, wherein the means for transmitting data from the gateway apparatus to the second apparatus effects the transmission via a network connection between the gateway apparatus and the second apparatus.

31. (Currently Amended) ~~An apparatus~~ A system according to Claim 29, wherein the network connection between the gateway apparatus and the second apparatus is an IP network connection.

32. (Previously Presented) A personal computing device comprising:

a TCP/IP stack; and

a system according to Claim 20.

33-41. (Cancelled)

42. (Currently Amended) A system comprising:

driving means ~~for use in a personal computer, the personal computer including TCP/IP software and a hardware interface between said driving means and a network, wherein said driving means is~~ configured to receive from ~~the~~ TCP/IP software a packet that comprises an ethernet header and an IP packet,

wherein said driving means, the TCP/IP software, and a hardware interface between said driving means and a network are all included in the same

personal computer, and said driving means presents to the TCP/IP software an ethernet interface,

wherein the IP packet comprises an IP header including a source IP address and a destination IP address,

wherein the source IP address and the destination IP address are the only IP addresses contained in the packet received from the TCP/IP software, and

wherein said driving means is configured to remove the ethernet header from the packet received from the TCP/IP software and thereafter add a second IP header so as to result in a packet that comprises both (a) the first IP header and (b) the second IP header.

43. (Previously Presented) A system according to Claim 42, wherein the personal computer includes web browser software, and the web browser software sends a packet to a first apparatus having an IP address through (a) the TCP/IP software, (b) said driving means, (c) the hardware interface, (d) a network connection between the personal computer and a second apparatus having an IP address, and (e) a network connection between the second apparatus and the first apparatus.

44. (Currently Amended) A method comprising:

receiving, by a driver, from TCP/IP software a packet comprising an ethernet header and an IP packet, the IP packet comprising a first IP header including a source IP address and a destination IP address, wherein the source IP address and the

destination IP address are the only IP addresses contained in the packet received from the TCP/IP software;

removing the ethernet header from the packet received in said receiving step; and

adding a second IP header to the packet after said removing step removes the ethernet header, resulting in a packet that comprises both (a) the first IP header and (b) the second IP header,

wherein said ~~method is~~ receiving, removing, and adding steps are performed by ~~a~~ the same personal computer that comprises the TCP/IP software and the driver, and the driver presents to the TCP/IP software an ethernet interface.

45. (Previously Presented) A method according to Claim 44, wherein the IP packet further comprises a packet from a web browser used on the personal computer, and the packet that comprises both (a) the first IP header and (b) the second IP header is sent from the personal computer to a first apparatus having an IP address via a network connection, and

wherein the first apparatus having an IP address removes the first IP header from the packet and sends the resulting packet to a second apparatus having an IP address via a network connection.

46. (Currently Amended) A system according to Claim 20, wherein the ~~computing~~ device is a personal computing device.

47. (Currently Amended) A system according to Claim 20, wherein the ~~computing~~ device is a personal computer.

48. (Previously Presented) A device according to Claim 32, wherein said device is a personal computer.

49. (Previously Presented) A system according to Claim 20, wherein the packet received from the TCP/IP stack further comprises an ethernet checksum, and said driver also removes the ethernet checksum from the packet received from the TCP/IP stack.

50. (Currently Amended) ~~An apparatus~~ A system according to Claim 29, wherein the packet received from the TCP/IP stack further comprises an ethernet checksum, and said driver also removes the ethernet checksum from the packet received from the TCP/IP stack.

51. (Previously Presented) A system according to Claim 42, wherein the packet received from the TCP/IP software further comprises an ethernet checksum, and said driving means also removes the ethernet checksum from the packet received from the TCP/IP software.

52. (Previously Presented) A method according to Claim 44, wherein the packet received from the TCP/IP software further comprises an ethernet checksum, and said method further comprises a step, before said adding step, of removing the ethernet checksum from the packet received from the TCP/IP software.